Vendor: Cisco

Exam Code: 350-501

Exam Name: Implementing and Operating Cisco Service Provider Network Core Technologies (350-501 SPCOR)

Version: Demo

QUESTION 1
Which type of attack is a Protocol attack?

A. HTTP flood
B. TFTP flood
C. SYN flood
D. Slowlorls

Correct Answer: C

QUESTION 2
After a possible security breach, the network administrator of an ISP must verify the times that several different users logged into the network. Which command must the administrator enter to display the login time of each user that activated a session?

A. show netconf-yang sessions detail
B. show netconf-yang datastores
C. show platform software yang-management process
D. show netconf-yang sessions

Correct Answer: A

QUESTION 3
The engineering team at a large ISP has been alerted a customer network is experiencing high traffic congestion. After a discussion between the ISP and technical personnel at the customer site, the team agrees that traffic to the customer network that exceeds a specific threshold will be dropped. Which task must the engineer perform on the network to implement traffic policing changes?

A. Configure RSVP to reserve bandwidth on all interfaces when a path is congested.
B. Enable Cisco Discovery Protocol on the interface sending the packets.
C. Enable Cisco Express Forwarding on the interfaces sending and receiving the packets.
D. Set IP precedence values to take effect when traffic exceeds a given threshold.

Correct Answer: D

QUESTION 4
Which feature describes the adjacency SID?

A. It applies only to point-to-point links.
B. It applies only to multipoint links
C. It is locally unique
D. It is globally unique.

Correct Answer: C

QUESTION 5
Which BGP attribute is used first when determining the best path?

A.   origin
B.   AS path
C.   local preference
D.   weight

Correct Answer: D

QUESTION 6
Which configuration mode do you use to apply the mpls Idp graceful-restart command in IOS XE
Software? MPLS

A.   MPLS
B.   LDP neighbor
C.   global
D.   interface

Correct Answer: C

QUESTION 7
A network engineer is implementing BFD configuration changes on a customer's equipment. How
is the bfd interval configuration on the interface disconnected?

A.   The status of the interface changes.
B.   The IPv4 or IPv6 address configuration on the interface changes.
C.   It is automatically disconnected when the BFD-configured subinterface is removed.
D.   It is automatically disconnected when the BFD main interface is removed.

Correct Answer: D

QUESTION 8
How can shared services in an MPLS Layer 3 VPN provide Internet access to the customers of a
central service provider?

A.   The CE router can establish a BGP peering to a PE router and use the PE device to reach the
     Internet
B.   Route distinguishes are used to identify the routes that CEs can use to reach the Internet
C.   The customer VRF uses route targets to import and export routes to and from a shared services
     VRF
D.   Static routes on CE routers allow route leakage from a PE global routing table

Correct Answer: C

QUESTION 9
Which statement about TLS is accurate when using RESTCONF to write configurations on
network devices'?

A. It requires certificates for authentication.
B. It is provided using NGINX acting as a proxy web server
C. It is used for HTTP and HTTPS requests.
D. It is not supported on Cisco devices

Correct Answer: A

QUESTION 10
Which characteristic describes prefix segment identifier?

A. It contains the interface address of the device per each link.
B. It Is globally unique.
C. It is locally unique.
D. It contains a router to a neighbor.

Correct Answer: B

QUESTION 11
What is the characteristic of the TI-LFA?

A. It guarantees a loop-free path for all interfaces in the OSPf- super backbone .
B. It applies on each area and instance and makes all the interfaces inherit the configuration
C. It guarantees a loop-free path for all areas configured m OSPF
D. It applies only on the instance and makes at the interfaces inherit the configuration

Correct Answer: A

QUESTION 12
Which three OSPF parameters must match before two devices can establish an OSPF adjacency? (Choose three.)

A. IP address
B. interface cost
C. subnet mask
D. process ID
E. hello timer setting
F. area number

Correct Answer: CEF

QUESTION 13
How does model-driven telemetry use YANG?

A. to reset network devices that malfunction
B. to set informs and traps on clients to report back to a centralized server
C. to subscribe to data that is streamed from a device
D. to poll network devices on a 30-minute interval

Correct Answer: C

QUESTION 14
A network engineer has configured TE tunnels in the MPLS provider core. Which two steps ensure traffic traverse? (Choose two.)

A. Static routes is the only option for directing traffic into a tunnel.
B. ECMP between tunnels allows RSVP to function correctly.
C. Forwarding adjacency features allows a tunnel to be Installed in the IGP table as a link.
D. The IGP metric of a tunnel is configured to prefer a certain path
E. A tunnel weight is configured in SPF database the same way as a native link.

Correct Answer: CD

QUESTION 15
Which two PHY modes are available to implement an IOS XR Gigabit Ethernet interface interface? (Choose two.)

A. SONET
B. MAN
C. WDWM
D. LAN
E. WAN

Correct Answer: DE

QUESTION 16
A router is configured to perform MPLS LDP graceful restart. Which three steps are included when the RP sends an LDP initialization to a neighbor to establish an LDP session? (Choose three)

A. Reconnect Timeout field
B. Learn from Neighbor (N) flag, set to 1
C. Graceful restart capability in OPEN message
D. Recovery Time field
E. Learn from Network (L.) flage, set to 1
F. Type-9 LSA

Correct Answer: ADE

QUESTION 17
A remote operation center is deploying a set of l-BGP and E-BGP connections for multiple IOS-XR platforms using the same template. The l-BGP sessions exchange prefixes with no apparent issues, but the E-BGP sessions do not exchange routes. What causes this issue?

A. A PASS ALL policy has no! been implemented for the l-BGP neighbors.
B. The next-hop-self command is not implemented on both E-BGP neighbors.
C. The E-BGP neighbors are not allowed to exchange information doe to the customer platforms default policy.
D. The l-BGP neighbors are mistyped and HELLO packets cannot be exchanged successfully between routers.

Correct Answer: C